

United Suppliers, Inc.
Box 538
Eldoar, IA 50627
800-782-5123

MATERIAL SAFETY DATA SHEET

PRODUCT TRADE NAME: ChemSurf 90
REVISION DATE: 11/22/04
TRANSPORTATION: EMERGENCY PHONE NUMBER (CHEMTRAC) : 800 424 9300
CHEMICAL NAME: Mixture of Surfactants

SECTION 1 HAZARDOUS INGREDIENTS

This material is not known to contain any chemical listed as a carcinogen by OSHA, IARC or the National Toxicology Program (NIP) at a concentration greater than 0.1%.

SECTION 2 FIRE & EXPLOSION HAZARDS

FLASH POINT, °F : > 200 Pensky Martin Closed Cup.
FLAMMABLE LIMITS: N/D
EXTINGUISHING MEDIA: Dry chemical or waterspray or waterfog or CO2 or Foam or Sand/Earth
SPECIAL FIREFIGHTING PROCEDURES: N/D
UNUSUAL FIRE & EXPLOSION HAZARDS: N/D

SECTION 3 HEALTH HAZARD DATA

ORAL TOXICITY: >2000/mg/kg
EYE IRRITATION: Mild; MMTS 17.7
SKIN IRRITATION: >2000 mg/kg
PERMISSIBLE CONCENTRATIONS: None
CHRONIC EFFECTS OF OVEREXPOSURE: No data available.
ACUTE TOXICOLOGICAL PROPERTIES: Mild

EMERGENCY FIRST AID PROCEDURES:

SKIN: Wash with soap & water
EYE: Immediately flush with large quantities of water for at least 15 minutes.
INHALATION: Remove to fresh air. If breathing is difficult, give oxygen and call a physician.
ORAL: If swallowed, call a physician.
ADDITIONAL: N/D

SECTION 4 SPECIAL PROTECTION INFORMATION

VENTILATION PROCEDURE: Local, mechanical, special.
GLOVE PROTECTION: Rubber or plastic, solvent resistant.
EYE PROTECTION: Chemical safety goggles.
OTHER PROTECTION: Neoprene protective type apron.

SECTION 5 PHYSICAL DATA

VAPOR PRESSURE:	No data available	VAPOR DENSITY:	N/D
SPECIFIC GRAVITY:	@ 20°C 1.01-1.03	EVAPORATION RATE:	N/D
WATER SOLUBILITY:	Dispersible	ODOR:	Fatty
PERCENT VOLATILE:	10	APPEARANCE:	Clear liquid
COLOR:	Amber	pH	5-7
FORM:	Liquid		

N/D = No Data Available

SECTION 6 STABILITY

STABILITY: Product is stable under normal conditions.
INCOMPATIBILITY: Keep away from strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.
POLYMERIZATION: Not applicable.
THERMAL DECOMPOSITION: Carbon monoxide and carbon dioxide from burning.

SECTION 7 SPILL OR LEAK PROCEDURES

SPILL PROCEDURES: Absorb with an inert material such as sand, soil or vermiculite; and sweep up and dispose in accordance with federal, state and local regulations.
WASTE DISPOSAL: Dispose of in accordance with all applicable federal, state and local regulations.

SECTION 8 SPECIAL PRECAUTIONS

SPECIAL PRECAUTIONS: Precautions to be taken in handling and storage: Store between 40°F and 120°F.

SECTION 9 TRANSPORTATION AND LABELING

DOT PROPER SHIPPING NAME: Adjuvant spreader, sticker
DOT HAZARD CLASS: Not regulated.

SECTION 10 OTHER REGULATOR INFORMATION

SECTION 313 (Title III Superfund Amendment and Reauthorization Act) .

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372

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N/D = No Data Available

N/A = Not Applicable